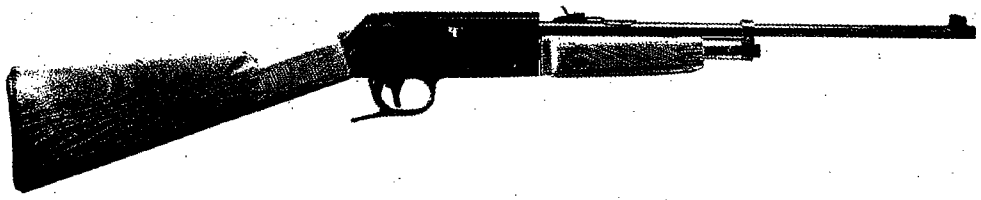
Black Fire OWNER'S MANUAL



READ ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL BEFORE USING THIS AIRGUN.

CONGRATULATIONS

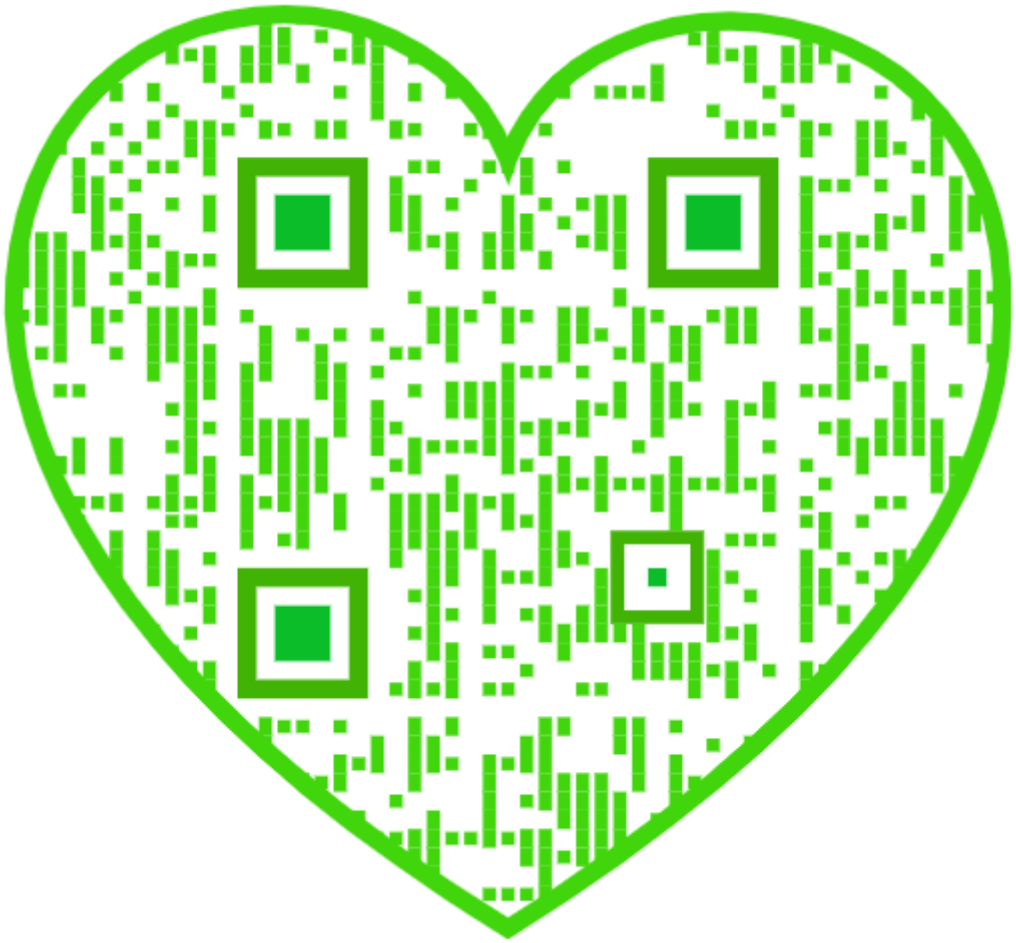
And thank you for choosing the Black Fire air rifle.

The Black Fire includes many up-to-date features which will mean easier handling and more enjoyment for you.

- Solid steel barrel for greater accuracy
- Sights adjustable for elevation
- 20 BB magazine for fast, convenient shooting

To get the most enjoyment from your new air rifle, please read this owner's manual completely. And remember, the Black Fire is not a toy. Treat it with the same respect you would a firearm. Always carefully follow the safety instructions found in this owner's manual and keep this manual in a safe place for future use.

Crosman Corporation
Routes 5 & 20
East Bloomfield, NY 14443



⚠WARNING: NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 300 YARDS (275 METERS).

READ ALL INSTRUCTIONS BEFORE USING.

BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS ABOUT THE USE AND OWNERSHIP OF THIS AIRGUN.

THIS AIRGUN IS INTENDED FOR USE BY THOSE 16 YEARS OF AGE OR OLDER.

STEPS FOR SAFE SHOOTING

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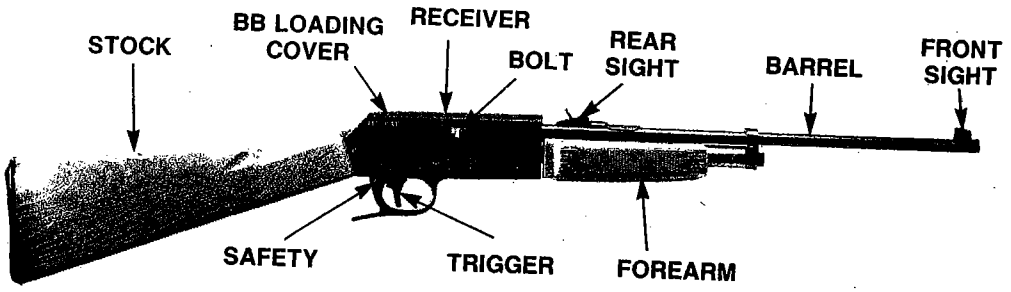
Step 1. Learning the Parts of Your New Rifle.

Learning the names of the parts of your new rifle will help you to understand your owner's manual. Use this manual to increase your airgun enjoyment.



Step 2. Operating the Safety

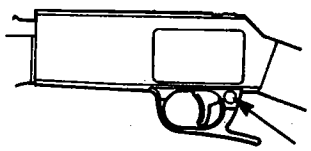
A. To put the rifle "On Safe", locate the safety directly behind the trigger. Push the safety from the left side all the way in. (Fig. 1). The safety is not on unless it is pushed all the way in and the red ring around the safety is not showing. The rifle cannot be fired when "On Safe".

B. Even when the safety is "On Safe" you should continue to handle the rifle safely. Don't point the gun at anything you don't intend to shoot.

C. To take the rifle "Off Safe", push the safety from the right side all the way in. When you see the red ring around the safety, the rifle is "Off Safe" and will fire.

⚠ WARNING: KEEP THE RIFLE "ON SAFE" UNTIL YOU ARE ACTUALLY READY TO SHOOT. THEN PUSH IT TO "OFF SAFE".

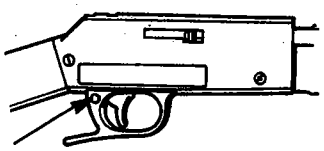
LEFT SIDE



PUSH IN FROM THIS SIDE FOR "ON SAFE".

FIG. 1

RIGHT SIDE



PUSH IN FROM THIS SIDE FOR "OFF SAFE" TO FIRE.

Step 3. Pumping the Rifle

A. Put the rifle "On Safe".

B. Hold rifle like this for easy pumping. (Fig. 2)

C. Open the forearm all the way until it stops. Close it with a smooth stroke. Don't pinch hand or fingers when the forearm closes. Keep your finger off the trigger while pumping.

D. Be sure to use at least 2 pumps to keep the barrel from jamming with a BB.

⚠WARNING: NEVER PUMP YOUR GUN MORE THAN 10 TIMES. OVER-PUMPING GIVES ONLY A SLIGHT INCREASE IN POWER AND WILL CAUSE MAJOR DAMAGE TO YOUR GUN. PUMPING MORE THAN 10 TIMES MAY ALSO LEAVE A SMALL AMOUNT OF AIR IN THE GUN WHICH MAY ALLOW YOU TO FIRE A SECOND SHOT WITHOUT ADDITIONAL PUMPING.

FIG. 2

Step 4. Loading and Unloading BB

A. Loading BBs

- Put rifle "On Safe".
- Hold rifle with Barrel pointed down a little.
- Slide Cover open. (Fig. 3)
- Pour up to 20 BBs into hole.
- Slide Cover closed.
- With rifle pointed downward, cock the bolt by pulling it all the way back. (Fig. 4). The bolt will pick up a BB.
- Push the bolt all the way forward slowly and you will see the BB move through the viewing area in front of the magazine. NOTE: The viewing area is not to be used for loading.
- The BB is now in a position to be fired out the barrel.

IMPORTANT: If rifle is not pointed downward, the BB may not roll into place to be fired out the barrel.

⚠CAUTION: USE BBs ONLY. NEVER REUSE BBs. USE OF ANY OTHER AMMUNITION OTHER THAN BBs CAN CAUSE INJURY TO YOU OR DAMAGE TO THE RIFLE.

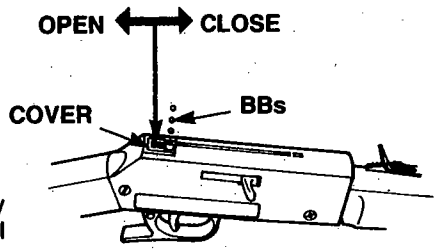


FIG. 3

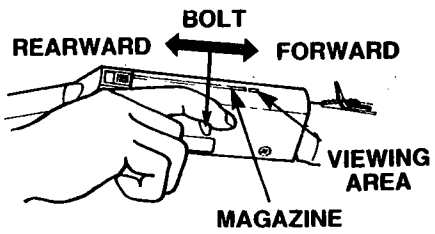


FIG. 4

B. Unloading BBs

- Pump the rifle, cock the bolt, point the rifle in a safe direction and fire. This will unload the BB from the magnetic bolt.
- Put the rifle "On Safe".
- Slide the BB loading cover back.
- Tilt the rifle up and turn it over. Shake the BB's from the magazine into your hand. (Fig. 5)
- Check to see if there are any BB's in the magazine. If there are, repeat the unloading procedure until the magazine is empty.
- To make sure there is no BB left on the magnetic bolt, pump the rifle, cock the rifle, point in a safe direction, take it off safe and fire.

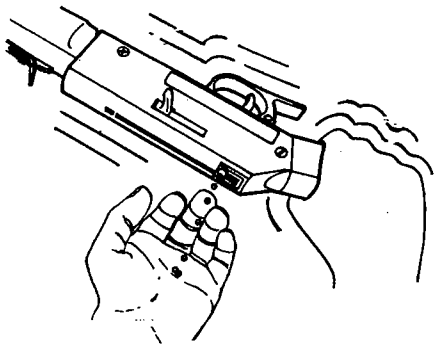


FIG. 5

⚠ WARNING: ALWAYS TREAT YOUR RIFLE AS THOUGH IT WERE LOADED. DON'T POINT AT ANYTHING YOU DON'T INTEND TO SHOOT. ALWAYS AIM IN A SAFE DIRECTION.

Step 5. Aiming and Firing Safely

A. Aiming the Rifle

Always aim your rifle in a SAFE DIRECTION. When you are sure of your target and backstop, and the area around the target is clear, take the rifle "Off Safe" (see Step 2) and squeeze the trigger to fire.

Don't shoot at hard surfaces or at the surface of water. The BB may bounce off and hit someone or something you had not intended to hit.

The rifle is correctly aimed when the front sight blade is positioned exactly in the notch of the rear sight. The top of the front sight blade should be even with the top of the notch in the rear sight. The bullseye should appear to rest on the top of the front sight. (Fig. 6)

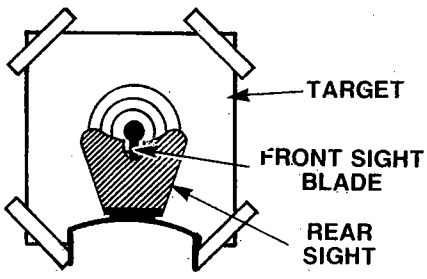


FIG. 6

B. Sight Adjustment

The rear sight may be adjusted to shoot higher or lower (elevation). Move the rear sight elevator back to make the BB hit higher on the target. Move the rear sight elevator forward to make the BB hit lower on the target. When moving the elevator, slightly lift the rear sight and reset it on the desired notch in the elevator. (Fig. 7)

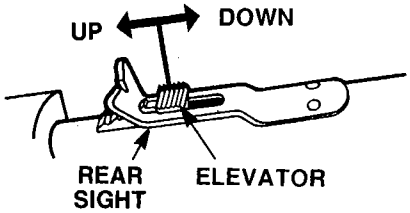


FIG. 7

Step 6. Maintaining Your Rifle

Trouble Shooting Guide

PROBLEMS \ REASONS	Safety in on position	Gun Not Cocked	Bolt in Open Position	Gun Not Pumped	Gun Not Pumped to Recommended number of pumps	Barrel Plugged (Jammed)	Lack of Lubrication	Re-Used Ammunition	Use of Wrong Type or Cal. Ammo	Loading More Than One Projectile	Sights Not Adjusted	Ammunition Not in Fire Position
INACCURACY					●			●	●	●	●	
GUN FAILS TO SHOOT	●	●	●	●	●	●	●	●	●	●		●
LOW POWER					●		●	●	●	●		
BARREL PLUGGED (Jammed)					●			●	●	●		

Your rifle will work best if you oil it every 250 shots. Put 2 or 3 drops of Crosman Pellgunoil® on the pump pivot pins and the pump cup in the pump mechanism. A little oil on the barrel helps prevent rust. Pellgunoil is best, but any light household oil is better than none. Don't over-oil. This can cause damage to your rifle. (Fig. 8)

Tampering with the gun or attempts to change the gun in any way make it unsafe to use. If you drop your gun, check to see that it works properly before you use it again. If anything seems changed, like a shorter or weaker trigger pull, this may mean worn out or broken parts. Don't use it again until you've had it checked by an Authorized Service Station (A list of Service Stations is in the box with the Rifle.)

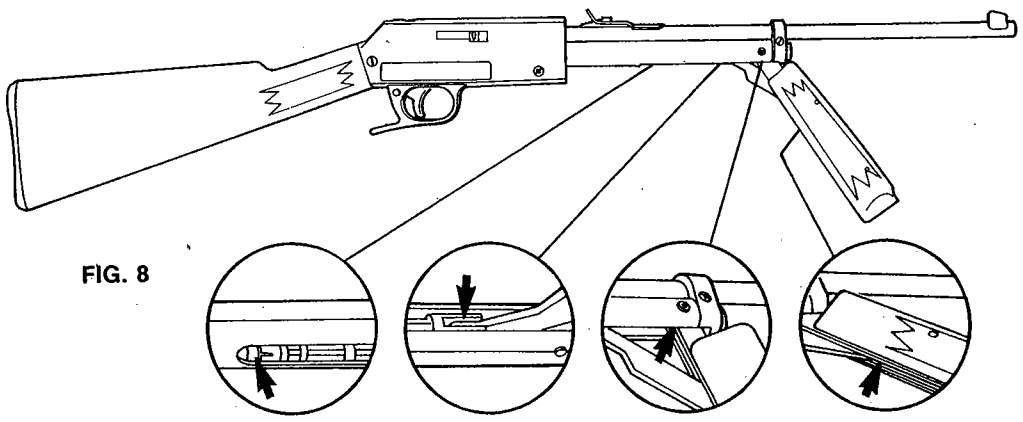


FIG. 8

Step 7. Reviewing Safety

- Don't point at anything you don't intend to shoot. Always aim in a SAFE DIRECTION.
- Don't pinch hands or fingers when closing forearm.
- Always wear shooting glasses to protect your eyes.
- Use BBs only. Never reuse ammunition.
- Don't shoot at hard surfaces or at the surface of water. The BB may bounce off and hit someone or something you had not intended to hit.
- Always keep gun "On Safe" until you are ready to shoot.
- Stop using a backstop if it becomes worn. Place backstop in a location that will be safe should the backstop fail.
- Do not attempt to disassemble or tamper with your gun. Use a competent repairman.
- Always handle your rifle as though it were loaded.
- Always check to see if the rifle is "On Safe" and unloaded when getting it from another person or from storage.
- Don't put the rifle away loaded. Make sure all of the BBs are unloaded. (See Step 4B).

Step 8. Using and Enjoying Your Rifle

Now that you have studied your owner's manual and understand how to use your rifle properly, you are ready to begin your shooting enjoyment. Follow these shooting tips for fun and safe shooting.

Choosing Targets

Always choose your targets carefully. It is best to shoot at paper bullseye targets which are attached to a safe backstop such as the Crosman Target Trap. A heavy blanket should be hung behind the target trap to prevent ricochet or BBs bouncing off should you miss the backstop. It is also best to wear shooting glasses to protect your eyes.

Don't shoot at hard surfaces or at the surface of water. The BB may bounce off and hit someone or something you had not intended to hit.

Your backstop should be checked for wear before and after each use. Stop using any backstop if the surface is worn or damaged or if the BB bounces off or ricochets.

Your airgun is designed for target shooting and is suited for both indoor and outdoor use. Always remember to place your target carefully. THINK what you will hit if you miss the target!

Shooting

We talked earlier about aiming your rifle and sight adjustment (Step 5). The next step is putting the sights together with the target. This is known as sight picture.

A correct sight picture has the bullseye directly centered on top of the front sight with both sights correctly aligned. (Fig. 9)

FIG. 9

TOO HIGH TOO FAR RIGHT TOO LOW CORRECT

Now with the sights and target in the proper position, you are ready to squeeze the trigger.

The trigger must be squeezed smoothly to keep the sights aligned and on the target as the gun fires.

Proper breathing is important for good marksmanship. Take a deep breath, let it out until you are comfortable, then hold it until after you have fired. Keep holding your breath and squeezing the trigger for a second or two after firing the shot. This is called follow through and is important for smooth and accurate shooting.

Shooting Games

Competing with friends and holding informal shooting matches can make airgun ownership more fun and exciting.

REMEMBER...shooters are made, not born. Know the basics of safe shooting.

SPECIFICATIONS

Mechanism:	Bolt Action
Caliber:	BB Cal. (4.5 mm)
Ammunition:	BB Cal. (4.5 mm) Steel Airgun Shot Ⓢ
Magazine:	20 BBs
Weight:	2 lbs. 7 oz. (1.11 kg)
Overall Length:	31 ½ in. (80.0 cm)
Sights: Rear:	Fixed Notch
Front:	Ramped Blade
Barrel:	Steel, Smoothbore
Power Source:	Pneumatic Pump Action

PERFORMANCE depends on the brand of ammunition and how well you maintain your airgun.

Pumps	Muzzle Velocity	Projectile	Weight
3	170-220 FPS	.177 BB	5.5 gr.
6	260-380 FPS	.177 BB	5.5 gr.
10	335-465 FPS	.177 BB	5.5 gr.

REPAIR SERVICE

If your gun needs to be repaired, we recommend you take or send it to your nearest Crosman Authorized Service Center, (list of service centers in box with gun). Your gun requires special tools and fixtures to repair it. If you take it apart, you probably will not be able to reassemble it correctly. Crosman assumes no warranty responsibility in this case.

A SPECIAL CUSTOMER SERVICE

Crosman Authorized Service Stations will unjam your rifle at no cost during the warranty period.